

<b>Project Title:</b>	Mitochondrial dynamics and metabolomic biomarkers in neurodegenerative disorders
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A Hippo and Fibroblast Growth Factor Receptor Autocrine Pathway in Cholangiocarcinoma.	Rizvi, Sumera; Yamada, Daisaku; Hirsova, Petra; Bronk, Steven F; Werneburg, Nathan W; Krishnan, Anuradha; Salim, Warda; Zhang, Liang; Trushina, Eugenia; Truty, Mark J; Gores, Gregory J	J Biol Chem (2016 Apr 08)	291 / 8031-47	<a href="#">PubMed Citation</a>
Altered brain energetics induces mitochondrial fission arrest in Alzheimer's Disease.	Zhang, Liang; Trushin, Sergey; Christensen, Trace A; Bachmeier, Benjamin V; Gateno, Benjamin; Schroeder, Andreas; Yao, Jia; Itoh, Kie; Sesaki, Hiromi; Poon, Wayne W; Gylys, Karen H; Patterson, Emily R; Parisi, Joseph E; Diaz Brinton, Roberta; Salisbury, Jeffrey L; Trushina, Eugenia	Sci Rep (2016 Jan 05)	6 / 18725	<a href="#">PubMed Citation</a>
Bortezomib alters microtubule polymerization and axonal transport in rat dorsal root ganglion neuron ...	Staff, Nathan P; Podratz, Jewel L; Grassner, Lukas; Bader, Miranda; Paz, Justin; Knight, Andrew M; Loprinzi, Charles L; Trushina, Eugenia; Windebank, Anthony J	Neurotoxicology (2013 Dec)	39 / 124-31	<a href="#">PubMed Citation</a>
Comprehensive Method for Culturing Embryonic Dorsal Root Ganglion Neurons for Seahorse Extracellular ...	Lange, Miranda; Zeng, Yan; Knight, Andrew; Windebank, Anthony; Trushina, Eugenia	Front Neurol (2012)	3 / 175	<a href="#">PubMed Citation</a>

Defects in mitochondrial dynamics and metabolomic signatures of evolving energetic stress in mouse m ...	Trushina, Eugenia; Nemutlu, Emirhan; Zhang, Song; Christensen, Trace; Camp, Jon; Mesa, Janny; Siddiqui, Ammar; Tamura, Yasushi; Sesaki, Hiromi; Wengenack, Thomas M; Dzeja, Petras P; Poduslo, Joseph F	PLoS One (2012)	7 / e32737	PubMed Citat
Developing novel blood-based biomarkers for Alzheimer's disease.	Snyder, Heather M; Carrillo, Maria C; Grodstein, Francine; Henriksen, Kim; Jeromin, Andreas; Lovestone, Simon; Mielke, Michelle M; O'Bryant, Sid; Sarasa, Manual; Sjøgren, Magnus; Soares, Holly; Teeling, Jessica; Trushina, Eugenia; Ward, Malcolm; West, Tim; Bain, Lisa J; Shineman, Diana W; Weiner, Michael; Fillit, Howard M	Alzheimers Dement (2014 Jan)	10 / 109-14	PubMed Citat
Identification of altered metabolic pathways in plasma and CSF in mild cognitive impairment and Alzh ...	Trushina, Eugenia; Dutta, Tumpa; Persson, Xuan-Mai T; Mielke, Michelle M; Petersen, Ronald C	PLoS One (2013)	8 / e63644	PubMed Citat
Loss of caveolin-1 expression in knock-in mouse model of Huntington's disease suppresses pathophysio ...	Trushina, Eugenia; Canaria, Christie A; Lee, Do-Yup; McMurray, Cynthia T	Hum Mol Genet (2014 Jan 1)	23 / 129-44	PubMed Citat
Modulation of mitochondrial complex I activity averts cognitive decline in multiple animal models of ...	Zhang, Liang; Zhang, Song; Maezawa, Izumi; Trushin, Sergey; Minhas, Paras; Pinto, Matthew; Jin, Lee-Way; Prasain, Keshar; Nguyen, Thi D T; Yamazaki, Yu; Kanekiyo, Takahisa; Bu, Guojun; Gateno, Benjamin; Chang, Kyeong-Ok; Nath, Karl A; Nemutlu, Emirhan; Dzeja, Petras; Pang, Yuan-Ping; Hua, Duy H; Trushina, Eugenia	EBioMedicine (2015 Apr 1)	2 / 294-305	PubMed Citat

Progressive dopaminergic alterations and mitochondrial abnormalities in LRRK2 G2019S knock-in mice.	Yue, M; Hinkle, K M; Davies, P; Trushina, E; Fiesel, F C; Christenson, T A; Schroeder, A S; Zhang, L; Bowles, E; Behrouz, B; Lincoln, S J; Beevers, J E; Milnerwood, A J; Kurti, A; McLean, P J; Fryer, J D; Springer, W; Dickson, D W; Farrer, M J; Melrose, H L	Neurobiol Dis	78 / 172-95	PubMed Citat
Recent advances in the application of metabolomics to Alzheimer's Disease.	Trushina, Eugenia; Mielke, Michelle M	Biochim Biophys Acta	1842 / 1232-9	PubMed Citat
White Matter Lipids as a Ketogenic Fuel Supply in Aging Female Brain: Implications for Alzheimer's D ...	Klosinski, Lauren P; Yao, Jia; Yin, Fei; Fonteh, Alfred N; Harrington, Michael G; Christensen, Trace A; Trushina, Eugenia; Brinton, Roberta Diaz	EBioMedicine	2 / 1888-904	PubMed Citat